

 <b>CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY</b> <b>AIR RESOURCES BOARD</b>	<b>DUCATI MOTOR S.P.A.</b>	<b>EXECUTIVE ORDER M-030-0051</b> New On-Road Motorcycles
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Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the engine and emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles. Production vehicles shall be in all material respects the same as those for which certification is granted. **The manufacturer shall ensure that character "C" or "3" is not used in the eighth (8<sup>th</sup>) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect registration of the vehicles.**

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	ENGINE DISPLACEMENT (cc)	CLASS
2007	7DUCC.992C11	7DUCE0018234	992	III
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS		VEHICLE MODELS (equivalent inertia mass in kilograms, kg)		* = not applicable
SFI, 2TWC, HO2S		Sport1000 biposto GT1000 (280 kg, all models)		
ABBREVIATIONS: EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series				

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated HC+NOx standard, as applicable, shall be listed on the permanent tune-up label.

				EARLY COMPLIANCE CREDIT MULTIPLIER			
HC+NOx (g/km)				CO (g/km)		EVAPORATIVE (g/test)	
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
*	*	1.4	0.7	12	1	2.0	0.6

**BE IT FURTHER RESOLVED:** That certification to the designated HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC+NOx standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC+NOx exhaust standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

**BE IT FURTHER RESOLVED:** That for certification to the HC+NOx standard, or designated standard as applicable, listed above, the listed vehicle models are granted an early-compliance credit multiplier as indicated above pursuant to Title 13, California Code of Regulations, Section 1958(g).

**BE IT FURTHER RESOLVED:** That the Executive Officer has been provided all materials required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Sections 2035 et seq.).

**BE IT FURTHER RESOLVED:** That because the listed motorcycles are certified to 0.2 grams per test or more below the applicable evaporative standard, the vehicles are exempt from complying with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the engine family and model-year listed above. Vehicles in this family that are produced for any other model-year are not covered by this Executive Order.**

Executed at El Monte, California on this 10<sup>TH</sup> day of May 2006.

  
Allen Lyons, Chief  
Mobile Source Operations Division

E. O. # M- 030-00512007 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
MOTORCYCLES

Manufacturer: *Ducati Motor Holding S.p.A.*  
 Exhaust Engine Family: *7DUCC.992C11*  
 Evaporative Family: *7DUCE0018234*  
 Evaporative Group: *N/A*  
 All Engine Codes in Engine Family: *CA\_49S\_50S\_X\_*  
 Max Rated Horsepower: *61 kW @ 8000 rpm*  
 Exhaust ECS: *2 TWC and H02S, SFI*

Engine Information

Displacement (cc) *992*  
 Engine Configuration *90° V-twin*  
 Valves/Cylinder *2*  
 Strokes/Cycle *4-Otto*  
 Cooling Medium *air*  
 No. Carburetors *N/A*  
 Bbls per Carb *N/A*  
 Fuel Injection *Marzelli S.F.I.*

1. Warranty Statement
2. Warranty Part List
3. Tune-up Label & Vac Hose Diagram
4. Projected Sales
5. Vehicle Description
6. Durability Plot - Exhaust/Evaporative
7. Total California Sales < 500
8. Carry-Over/Carry-Across MY & ID  
     Durability *ZDM1WABP27B002158*  
     Bench  
     Emission *ZDM1WABP27B002158*
9. Type of Evaporative Control
10. Evap Bench Test Proc Approval
11. Fill Pipe/Access Zone
12. EPA Certificate
13. Corporate Plan

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Section 7, Item 80  
 Section 7, Items 81-89  
 Section 7, Items 92-93  
 Section 7, Item 94  
 Section 7, Items 95-99

YES

Exhaust  
 C/O 1998  
 N/A  
 C/O 1998  
 canister  
 Date: N/A  
 Meet \_\_\_\_\_  
 No \_\_\_\_\_ Yes \_\_\_\_\_  
 Date: N/A

NO

Evaporative  
 Vehicle DF 0.0880  
 assigned DF 0.5  
 same as exhaust

Exempt \_\_\_\_\_  
 # MC-  
 Ducati

Vehicle ID	Code	Displ	Trans	EIM	RL Force	MPG	PROJECTED EMISSIONS (1)				CO2 gm/km
							HC gm/km	CO gm/km	Evap gm/t	HC + NOx gm/km	
<i>ZDM1WABP27B002158</i>	<i>ZDM1WAB</i>	<i>992</i>	<i>M-6</i>	<i>280</i>	<i>131.4</i>	<i>45.3</i>	<i>0.5743</i>	<i>1.0197</i>	<i>0.571</i>	<i>0.7433</i>	<i>119.26</i>
							NOx gm/km <i>0.1690</i>				

EPA cert # *7DUCC.992C11*

- 1.4 Corporate Average
- 1.0 Corporate Average
- 1.4
- 1.0

(1) Comply with class III standards of  
 and include deterioration factors of  
 Evaporative DF is average of Vehicle 0.0880 and Bench assigned DF of 0.5  
 The designed exhaust HC emission standard is: \_\_\_\_\_ gm/km or N/A

*12* *2.0*  
*1.2826* *1.3524* *0.294* (Evap)  
 (CO) (NOx)

Remarks: \_\_\_\_\_ revision May 4, 2006 2006

Application  
 Processed by: *[Signature]* Date: *5-4-06*

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Date Issued: \_\_\_\_\_

EXECUTIVE ORDER M- 030-00512007 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
MOTORCYCLES

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Manufacturer: Ducati Motor Holding S.p.A.

Exhaust Engine Family: 7DUCC.992C11  
Evap Family: 7DUCE0018234

Model	Engine Code	Transmission	EIM (kg)	RL Force (nt)
Sport1000 biposto	ZDM1WAB	M-6	280	131.4
GT1000	ZDM1WAB	M-6	280	131.4

Revisions: